

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A data output apparatus, comprising:
 - a processing memory that processes input job image data for a job;
 - an output unit that, after processing of the input job image data sent to said processing memory, outputs said processed input job image data during a first output session;
 - a mounting unit for mounting an expansion memory used for image data storage;
 - a detection unit that detects whether or not the expansion memory is mounted to said mounting unit; and
 - a controller that, when said input job image data is to be output multiple times and, (i) if the expansion memory is mounted, stores the processed input job image data in a first storage destination memory for a second output session and beyond, and (ii) if the expansion memory is not mounted, stores the input job image data that is not processed in a second storage destination memory for a second output session and beyond.
2. (Previously Presented) The data output apparatus according to Claim 1, wherein when said detection unit detects that the expansion memory is mounted, said controller stores the processed input job image data used for said second

output session onward in said expansion memory, and when said detection unit detects that the expansion memory is not mounted, said controller stores the input job image data used for said second output session onward in said processing memory.

3. (Previously Presented) The data output apparatus according to Claim 2, wherein if it is detected by said detection unit that the expansion memory is mounted, said controller outputs the input job image data processed in said processing memory as is for the first output session.

4. (Previously Presented) The data output apparatus according to Claim 1, wherein said controller determines the storage format for the input input job image data used for the second output session onward in accordance with the results of the detection by said detection unit.

5. (Previously Presented) The data output apparatus according to Claim 4, wherein the job is a print job sent from an external device, and when the mounting of an expansion memory is detected by said detection unit, said controller stores the processed input job image data in said expansion memory as image data resulting from processing in said processing memory, and when the mounting of an expansion memory is not detected by the detection unit, said controller stores the input job image data in said processing memory in an original format existing prior to its processing in said processing memory.

6. (Previously Presented) The data output apparatus according to Claim 1, further comprising at least one compression/decompression unit that compresses data and decompresses compressed data.

7. (Previously Presented) The data output apparatus according to Claim 6, wherein said expansion memory stores data compressed by said at least one compression/decompression unit.

8. (Previously Presented) A printer, comprising:

- a receiving unit that receives print jobs of input image data;
- a processing memory that processes the input image data of print jobs received by said receiving unit;
- a printer unit that prints the input image data after it has been processed in said processing memory;
- a mounting unit used for mounting an expansion memory for image data storage;
- a detection unit that detects whether the expansion memory is mounted to said mounting unit; and
- a controller that, when the print job includes multiple copies of identical images to be printed, (i) selects one of a first and second storage destination memories for storing the input image data that is not processed or processed image data of the second output session and beyond based on the detection of said detection unit, and (ii) reads out said image data from the selected storage

destination memory and executes printing for a second copy onward via said printer unit.

9. (Previously Presented) The printer according to Claim 8, wherein when said detection unit detects that the expansion memory is mounted, said controller stores the processed input image data used for printing of a second copy onward in said expansion memory, and when said detection unit detects that an expansion memory is not mounted, said controller stores the input image data that is not processed and used for printing of the second copy onward in said processing memory.

10. (Previously Presented) The printer according to Claim 9, wherein if it is detected by said detection unit that the expansion memory is mounted, said controller prints out a first copy using the image data processed in said processing memory.

11. (Previously Presented) The printer according to Claim 8, wherein said controller determines a storage format for image data used for the second copy onward in accordance with the results of the detection by said detection unit.

12. (Previously Presented) The printer according to Claim 8, further comprising at least one compression/decompression unit that compresses image data and decompresses compressed data.

13. (Previously Presented) The printer according to Claim 12, wherein said expansion memory stores data compressed by said at least one compression/decompression unit.

14. (Previously Presented) A printer comprising:

- a receiving unit that receives print jobs of input image data;
- a work memory that includes a storage area used for storing input image data for received print jobs, as well as a processing area used for converting the input image data to raster images;
- a printer unit that prints image data after it has been processed in said processing area;
- a mounting unit used for mounting an expansion memory for data storage;
- a detection unit that detects whether an expansion memory is mounted to said mounting unit; and
- a controller that, where the print job is a job in which multiple copies of identical images are to be printed, (i) and when said detection unit detects that an expansion memory is mounted, prints out a first copy of the processed image data processed in said work memory and stores the processed image data stored in said work memory in said expansion memory and executes printing for a second copy onward via the printer unit using the processed input image data stored in said expansion memory, and (ii) when said detection unit detects that an expansion memory is not mounted, executes printing for the second copy onward via the printer unit using the input image data that is not processed and is stored in said work memory.

15. (Previously Presented) The printer according to Claim 14, further comprising at least one compression/decompression unit that compress image data input from said processing area, decompress compressed image data and output decompressed image data to said processing area.

16. (Previously Presented) The printer according to Claim 15, wherein said expansion memory stores image data compressed by said at least one compression/decompression unit.

17. (Previously Presented) The printer according to claim 8, wherein the processing memory is the first storage destination and the expansion memory is the second storage destination memory.